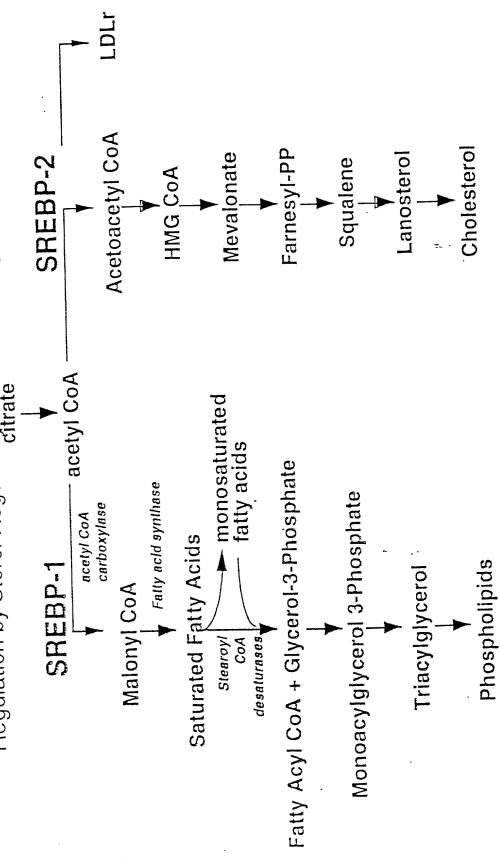
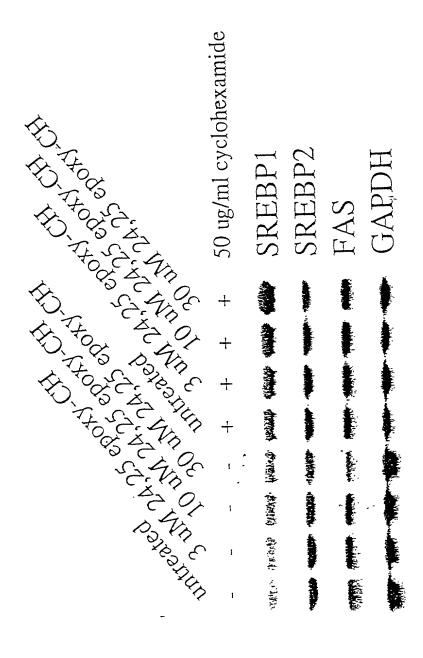
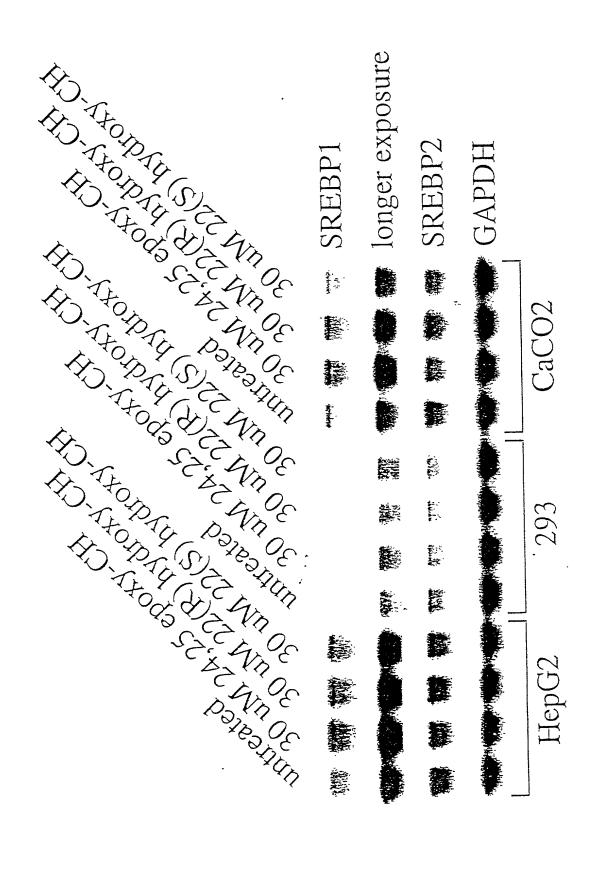
The Cholesterol, Fatty Acid and Phospholipid Pathways: Regulation by Sterol Regulatory Element Binding Proteins (SREBPs)



24.25-epoxy cholesterol activate SREBP1 and FAS



24,25 epoxy-cholesterol activates SREBP1 in different cell lines



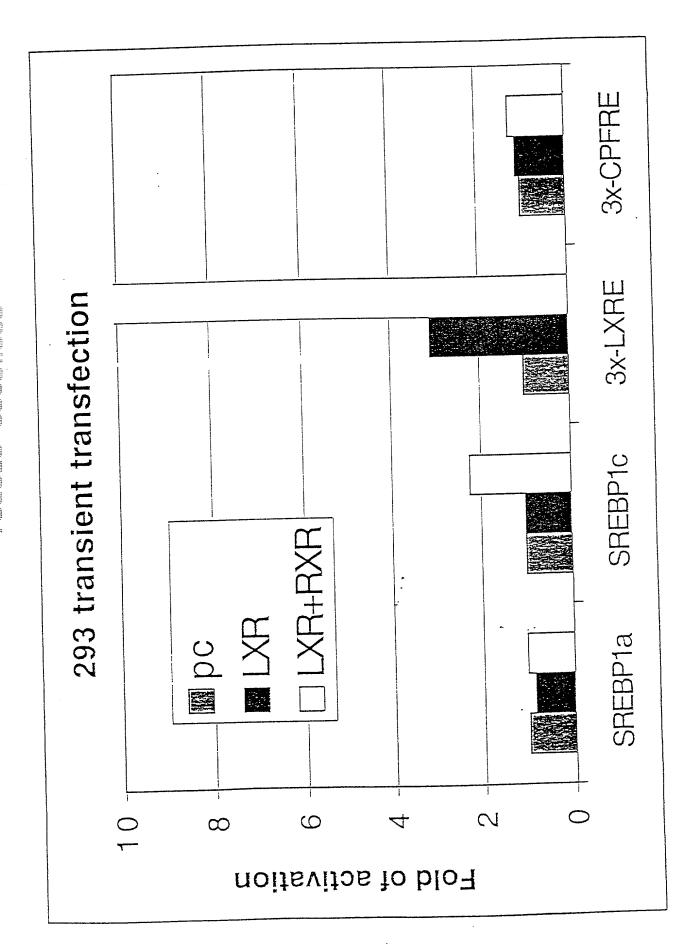
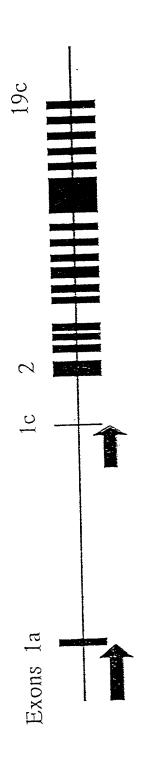


Figure 5
If the first the

LXR sites on SREBP1



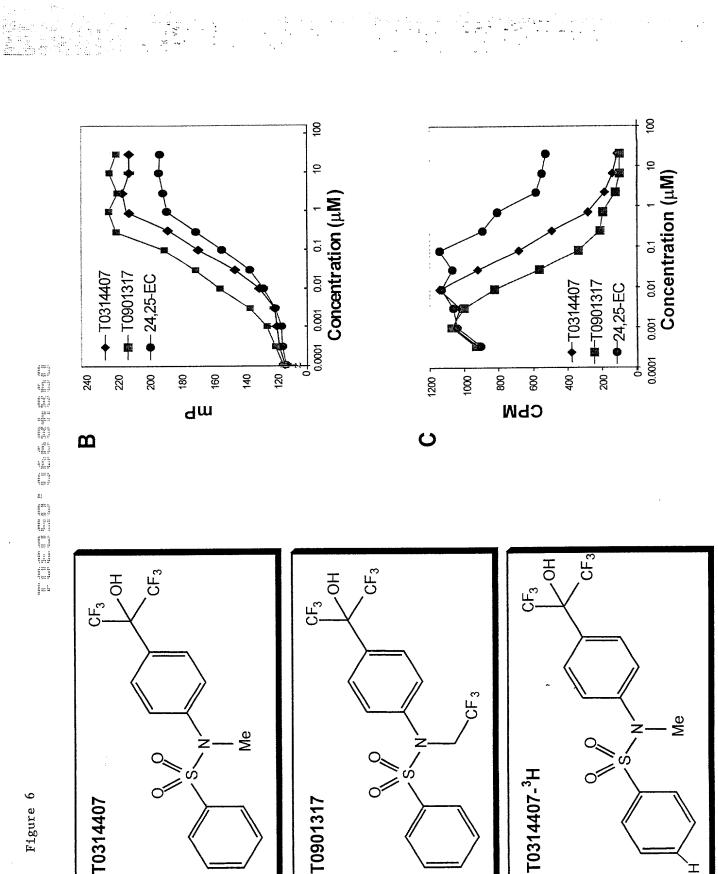
Human SREBP1c promoter

CAGACAGCAGCCGGCTTGTGTTTCGTCATCCCTTTTTGGGTCAGGAACTGGGGACGCTGGAACTCCAGATCTCCAGGAGGCC ATCCCAGACTAGGCGGGAAGGCCTCAGCCTGAGCTGAAACCTGAAATTCTAGAATAAACCCCAGGCCCCACTCCC <u> AGCATGGGCAGCGGGGAGGGGTTAGGGCCCAACGGCCCCCAAGGGCGGGGGGCGCAGATCGCGGAGCCATGGATTGCA</u> CCTCCGTGCAGTAAGTGGAGAGAGCCTTCAGCCAGAGGACCCCCATATGCT<u>TAAACATCCAGACACC</u>AAGGGGCCACTCA TGTCTGCAGAGGCCCCACCTGTGGCAGGGTTTACATGCCGCCACCCCTGCCCTCTTTGGGTAGCTGGGGTCAGAGGG ACCT<u>TGACCTCACTTTTGCG</u>CTCTGGAGGGCAGAACCTCTGAGCCAGCTCTCAGGGATACCTTTTTTTCCTCGATGGCCTT CCAGATGGAGCCTGGCCATGGAATGCTTGGGGTGAAGGGACCCATAGCGGGCTCCGGGCATTGTTAGGGGGGCTAGGTGG CATGTGGGACCTGCCTGCATGTGGAAGGGGCTTTGG<u>GGTGCAGCTGTGTCCC</u>TGGCCCCAGCACTGCACACCCCTCGGT

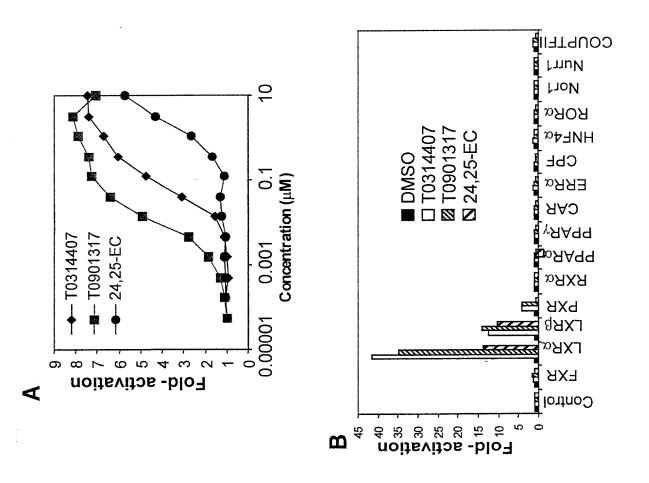
CITITICGAAGGtattttggaggcctcccac

T0314407

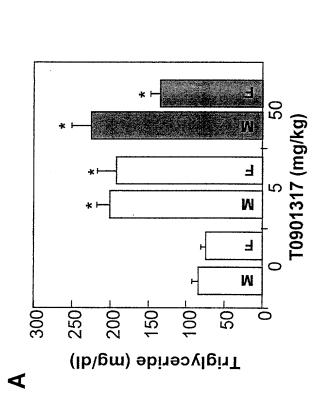
4



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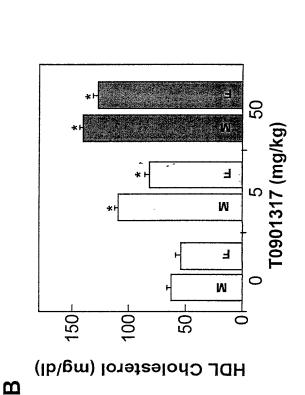


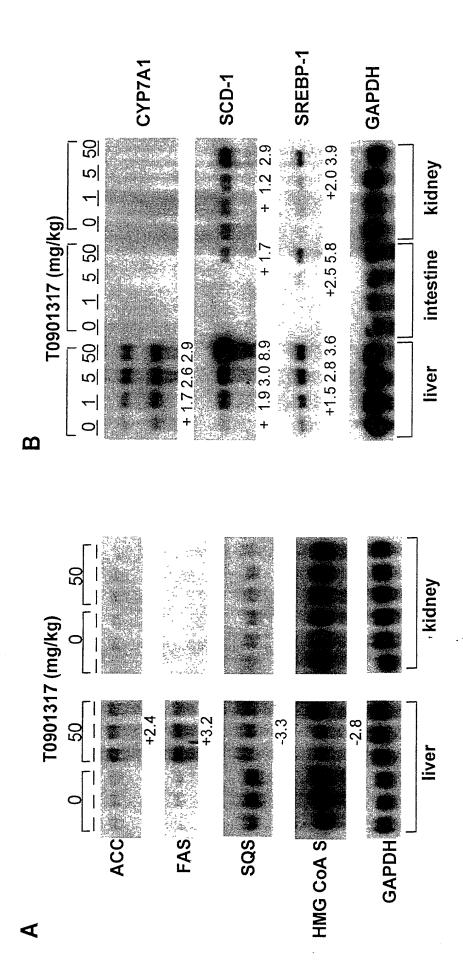
Triglyceride (mg/dl) 50 - 50 - 50

— · — 0 mg/kg

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Fraction Number





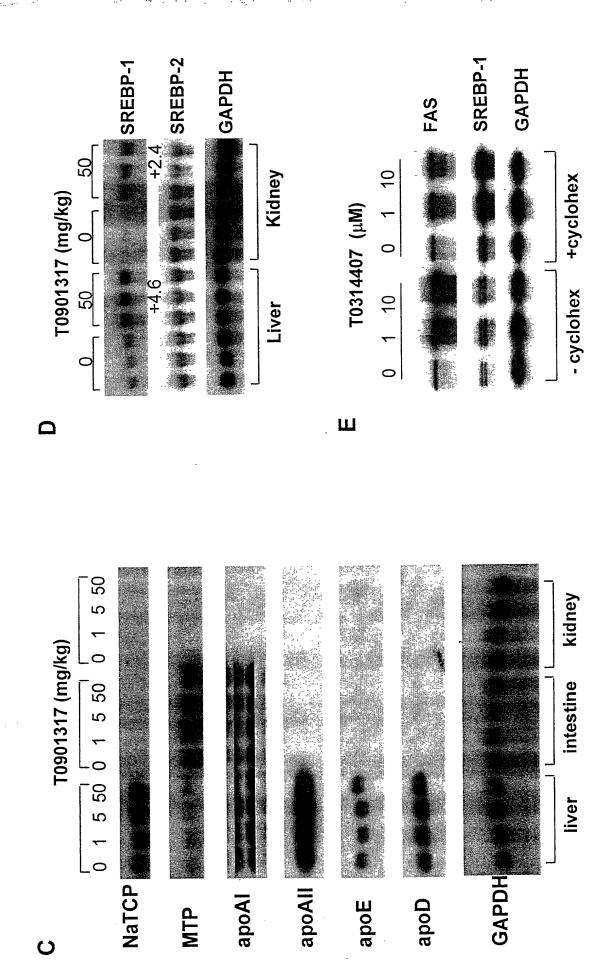


Figure 11

Supplementary Table I. The sequence of PCR primers used for amplifying mouse cDNA probes

odord Divole	Primer Set	Set Primer Sequence	PCR Product Length
acetyl CoA carboxylase	3	ACCT	521
	က	TGGTCGACAGCAAGGGAA	
fatty acid synthase	ကို ထို	CCCGATGGGGTTTCATC	493
squalene synthase	က် ကဲ င	CGTGCAGTGCTTGAATGAACT TTGGGGATCCGGTGATAAAT	288
HMG CoA synthase	3, 22	CCCAGCAGAGGTTTTCTACAA AATTCCTCAGGGGACATGC	1285
SREBP-1	တိ ထိ	TCA ACAACCAAGACAGTGACTTCCCTGGCC GTTCTCCTGCTTGAGCTTCTGGTTGCTGTG	1028
NTCP	ကို ထို	AGCAAGATCAAGGCTCACTTCT ATAGTGTGGCCTTTTGGACTTC	405
MTP	က် ထိ	TTCTCTGCTTCTTCTCCTCTA GGCTCGTTTTCATAGGAGTAGA	403
ApoA-I	<i>ფ</i> თ	GGCAGAGACTATGTGCCCAGTTTGA	564
ApoA-II	ന് വ്	ATAGTCTGCCATCATGAAGCTG GAGAAAACAGGCAGAAGGTAGG	406
ApoE	ကို ကိ	CCGTGCTGTTGGTCACATT	1014